

**IN THE CLAIMS:**

Please substitute the following claims for the same-numbered claims in the application:

Claim 1 (Currently Amended) A display apparatus comprising:

a display screen;

a display controller for being able to change a refresh rate of said display screen

according to a brightness of said display screen; ~~and~~

a power source detector connected to said display controller, said power source detector being adapted to detect whether said display apparatus is being powered by an alternating current power source or a direct current power source such that said refresh rate of said display screen is lower when said direct current power source is providing power to said display apparatus compared to when said alternating current power source is providing power to said display apparatus; and

wherein the brightness of said display screen is set to a plurality of levels and the refresh rate of said display screen is set to correspond to each level of the brightness of said display screen.

Claim 2 (Currently Amended) The display apparatus according to ~~Claim~~ claim 1, wherein said display controller can change the refresh rate to a plurality of levels.

Claim 3 (Currently Amended) The display apparatus according to ~~Claim~~ claim 1, wherein said display controller changes the refresh rate when a predetermined condition is met.

Claim 4 (Cancelled).

Claim 5 (Currently Amended) A display apparatus comprising:

a display panel;

a light source for illuminating said display panel from behind; wherein, the luminance of said light source and the refresh rate of said display panel are changed in combination with each other; and

a power source detector adapted to detect whether said display apparatus is being powered by an alternating current power source or a direct current power source such that said refresh rate of said display panel is lower when said direct current power source is providing power to said display apparatus compared to when said alternating current power source is providing power to said display apparatus; and

wherein the luminance of said light source is set to a plurality of levels and the refresh rate of said display panel is set to correspond to each level of the luminance of said light source.

Claim 6 (Currently Amended) The display apparatus according to ~~Claim~~ claim 5, wherein the refresh rate of said display panel decreases as the luminance of said light source decreases.

Claim 7 (Cancelled).

Claim 8 (Currently Amended) The display apparatus according to ~~Claim~~ claim 5, wherein the luminance of said light source can be changed by a user operation.

Claims 9-13 (Cancelled).

Claim 14 (Currently Amended) A storage medium storing a program to be executed by a computer driving a display screen, wherein said program can be read by said computer and said program causing said computer to perform the steps of:

detecting a change in a brightness of said display screen; and

changing a refresh rate of said display screen according to the change in the brightness of said display screen; and

detecting whether said computer is being powered by an alternating current power source or a direct current power source such that said refresh rate of said display screen is lower when said direct current power source is providing power to said computer compared to when said alternating current power source is providing power to said computer;

wherein the brightness of said display screen is set to a plurality of levels and the refresh rate of said display screen is set to correspond to each level of the brightness of said display screen.

Claim 15 (Cancelled).

Claim 16 (Previously Presented) The display apparatus of claim 1, wherein the refresh rate of said display screen decreases as the brightness of said display screen decreases.

Claim 17 (Previously Presented) The display apparatus of claim 16, wherein when the brightness of said display screen decreases, fluctuations in a screen image on said display screen is reduced.

Claim 18 (Previously Presented) The display apparatus of claim 1, wherein the brightness of said display screen can be changed by a user operation.

Claim 19 (Previously Presented) The display apparatus of claim 1, further comprising a light source for illuminating said display screen.

Claim 20 (Previously Presented) The display apparatus of claim 5, wherein when the luminance of the light source decreases, a display screen brightness of the display panel decreases.

Claim 21 (Previously Presented) The display apparatus of claim 20, wherein when the brightness of said display screen decreases, fluctuations in a screen image on said display screen is reduced.

Claim 22 (Previously Presented) The display apparatus of claim 5, wherein said display panel is a liquid crystal display panel.

Claim 23 (Previously Presented) The storage medium of claim 14, wherein the refresh rate of said display screen decreases as the brightness of said display screen decreases.

Claim 24 (Previously Presented) The storage medium of claim 23, wherein when the brightness of said display screen decreases, fluctuations in a screen image on said display screen is reduced.

Claim 25 (Previously Presented) The storage medium of claim 1, wherein the brightness of said

display screen can be changed by a user operation.

Claim 26 (Previously Presented) The storage medium of claim 1, further comprising a light source for illuminating said display screen.